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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work				7. Unit Agreement Name	
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒				8. Farm or Lease Name	
2. Name of Operator Sun Oil Company				9. Well No. 9	
3. Address of Operator P. O. Box 1861, Midland, TX 79702				10. Field and Pool, or Wildcat Crossroads Penn	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>27</u> TWP. <u>9S</u> RGE. <u>36E</u> NMPM				12. County Lea	
21. Elevations (Show whether DP, RT, etc.) GR 4029		21A. Kind & Status Plug. Bond Blanket		19. Proposed Depth 11358	
				19A. Formation Penn	
				20. Rotary or C.T. -	
		21B. Drilling Contractor To be determined		22. Approx. Date Work will start 10 days	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	273	275	Surface
12 1/4	9 5/8	36	4240	1440	Surface
8 3/4	7	23	12060	250	10,000 Feet

TD - 12068, PBDT 12035, Devonian Perfs 12020-12028 - Well now TA'd.

- MIRU. RIH w/tapered mill. Mill out & dress top of fish @ 10548. POH. RIH w/sinker bar - check fill. POH.
- Run GR - cement bond - CCL log to determine bottom of cement in annulus. RIH w/CIBP on wireline & set in fish @ 11500.
- Dump 20' cement cap on plug.
- Perf Penn zone 11358-11368 w/2 JSPF. 21 holes (23 gm chg).
- RIH w/RDG PKR & SN on TBG. Circ hole. Set PKR @ 10500. Acidize Penn perfs w/1500 gal. 15% NEHCL. Flow & swab after shut-in.
- Turn into battery. Potential test.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Casson Muntel Title Production Staff Associate Date 6/22/79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE JUL 5 1979

CONDITIONS OF APPROVAL, IF ANY: